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A bioabsorbable material such as a terpolymer of poly-(L-lactide/D-lactide/glycolide). The material may consist of 85 molar percent L-lactide, 5 molar percent D-lactide, and 10 molar percent glycolide. The material may have a heat of fusion of about 15-25 J/G, tensile strength retention at 26 weeks of incubation of at least about 50%, and tensile strength retention at 52 weeks of incubation of at most about 25%. The material may be used in implantable devices such as bone fixation devices.